JULY

at the

CALIFORNIA ACADEMY OF SCIENCES

JULY MEETING
Date: Tuesday, July 10, 8:15 p.m.
Place: Morrison Auditorium
Speaker: Dr. G. V. T. Matthews
Subject: "SENSE AND NONSENSE IN BIRD NAVIGATION"

Dr. Matthews, Director of Research, The Wildfowl Trust, Slimbridge, Gloucestershire, England, has devoted many years of his professional life to the study of population, distribution, migration and behavior of birds.

He is author of the hypothesis that birds do navigate by the sun. In his lecture, illustrated with color slides, he brings the most exciting aspects of recent research in this field - particularly the homing behavior of mallard ducks and homing pigeons.

Currently, Dr. Matthews is active in various organizations devoted to an integration of research and conservation in Europe.

MORRISON PLANETARIUM

"THE MOON: MAN'S GREAT ADVENTURE!" begins July 3 and extends through Labor Day. Months of planning have gone into making this an exciting summer spectacular in which audiences inspect landing sites on the moon by spaceship and settle down for a backward glance at Mother Earth. An exciting experience for the entire family. Adults, 75¢, Juniors, 40¢.

Performances:
Monday ..... Closed
Tues, Wed, Thurs, Fri .... 2:15, 3:30 & 8:30 p.m.
Sat, Sun ..... 1:00, 2:15, 3:30 & 8:30 p.m.

SPECIAL EXHIBITS

EXHIBIT OF THE MONTH: "The Oldest Bird Nest?" from the Academy collections. Main Foyer, Science Museum.

"WATER LIFE DESIGN", color transparencies of invertebrate marine animals by Robert Ames, and water colors of fish by Toshio Asaeda. Lovell White Hall of Man and Nature. Continues through August 31.

"GLEN CANYON", 18 color enlargements by Eliot Porter. Also in Lovell White Hall.

"SCIENCE IN ACTION" (Program of summer re-runs)
Monday nights, 7:00 p.m., KRON-TV, Channel 4
July 2: "Optical Illusions", with Guest Scientist Dr. Harvey E. White.
July 9: "Deep Sea Exploring", with Lt. Don Walsh, USN.
July 16: "The Ion Engine", with Dr. Malcolm R. Currie.
July 23: "Correcting Childhood Defects", with H. E. Thelander, M.D.
July 30: "Himalaya Expedition", with Dr. Lawrence Swan.

NEWS and NOTES

W. I. Follett, Curator of the Department of Ichthyology, attended the annual meeting of the American Society of Ichthyologists and Herpetologists held in Washington, D. C., June 14-17. Mr. Follett is a member of the Board of Governors of the ASIH.

Beginning with the July-August issue of PACIFIC DISCOVERY, Dr. Raymond F. Dasmann, lecturer in zoology at the University of California, joins forces with other regulars writing for the Academy's bimonthly by presenting a column on conservation. Dr. Dasmann authored the lead article in the March-April 1962 issue entitled "Conservation by Slaughter".

Bruce Finson, Editor of PD, hopes that Dr. Dasmann is the first of three or four regular columnists to be added to the magazine's roster during the next months.

Harold E. Rolph, Jr., a graduate of Washington State University and currently studying at the University of Virginia at Charlottesville, has joined the staff of Morrison Planetarium as a lecturer for its outstanding summer spectacular, "The Moon: Man's Great Adventure!" Mr. Rolph's temporary assignment will last through Labor Day. He will then return to Charlottesville.

On June 18, the Student Section of the Academy inaugurated a program of "Summertime Science" for young San Franciscans ages 10 to 21. Two different programs of nine weeks each are offered, one a Junior Program for boys and girls, ages 10-14, and a second, a Senior Program, for ages 14-21. Each of the groups meet twice-weekly in the Section at informal but supervised gatherings for a discussion of a wide variety of natural history subjects.

Later on in the summer, the various groups will take all-day field trips to local areas.

Dr. F. J. Hermann, botanist with the United States Forest Service, Washington, D. C., was a recent visitor to the Department of Botany. Dr. Hermann is well known for his researches in sedges and rushes.

ACADEMY MEMBERSHIP

Total Membership as of May 11, 1962	3,181
Elected May 18, 1962:	
Regular	33
Family	15
Contributing	1
Student	4
	3,234
Deaths	1
Total Membership as of June 18, 1962	3,233

The Department of Herpetology has made two important and unusual additions to its collections within the Academy: (1) A group of some 250 amphibians and reptiles of Amazonian Peru taken from localities infrequently visited, including type localities of many of Edward Drinker Cope's South American species of amphibians; and (2) a synoptic collection of 107 specimens of Moroccan amphibians and reptiles. The latter was acquired through exchange by Dr. Alan E. Leviton, Associate Curator (in charge) of the Department.

Dr. Robert C. Miller, Director of the Academy, attended the annual meeting of the Association of Science Museum Directors held at the Smithsonian Institution, Washington, D. C., June 5, as well as the annual meeting of the American Association of Museums held at Williamsburg, Virginia, June 5 through 8. Dr. Miller is a member of the council of the AAM.

At this writing, Dr. Edward S. Ross, Curator of the Department of Entomology and currently on a collecting trip to various regions of tropical Asia, has been joined by H. Vannoy Davis, a generous friend of the Academy and frequently associated with Dr. Ross on previous expeditions. Mr. Davis flew to Kuala Lumper, Malaya, the scene of Dr. Ross' current collecting.

After several weeks in Malaya, Dr. Ross anticipates a trip to Australia. To date, four air shipments of live embiids have been received in the Entomology Department from Dr. Ross where they are being cultured for further study and research.

Meet the Trustees

JOHN W. MAILLIARD III, through his active interest in the welfare of the Academy, maintains a family tradition established many years ago by his grandfather, John W. Mailliard, Sr., and by a great-uncle, Joseph Mailliard, and continued by his father, J. W. Mailliard, Jr., whose name graces the Academy's excellent and comprehensive library.

As Vice-Chairman (one of two) of the Board of Trustees, Mr. Mailliard dedicates considerable effort to the causes of the Academy and has, since 1955, been more than casually concerned with its affairs.

Born in Belvedere, Marin County, California, he received his education at Potter School, San Francisco, Tamalpais School in San Rafael, and at Yale University from which he received a Bachelor of Arts degree in History. Upon graduation, he was employed for two years at the Walton N. Moore Dry Goods Company. From there he went to Mailliard & Schmiedell, food brokers and importers in San Francisco, where he was employed in many capacities. Today, he is President of that organization. He is on the Board of Directors of the Wells Fargo Bank, Pacific Mutual Life Insurance Co., and the American Cancer Society. Past activities have included the March of Dimes, Bay Area Educational Television, the San Francisco Chamber of Commerce of which he is past president, and the Redevelopment Agency for which he was Commissioner, 1956-1957.

Time away from his many commercial and civic interests finds him on horseback at the Mailliard Ranch in Mendocino County watching out for the well-being of the herds of sheep and cattle for which the ranch is noted. He resides in San Francisco and is the father of three daughters, Carolyn, Kathleen and Margot.

The Academy is of deep concern to him. "The entire Board of Trustees is most grateful for the support given the Academy in the past by so many individuals, foundations and corporations. But the spiraling cost-of-living index applies also to the Academy, and its financial problems have increased.

"Fortunately, the City and County of San Francisco is more and more realizing the importance of the Academy's contribution to our city and to the scientific world, and is increasing its support. I sincerely hope we can continue to improve our budgetary position. It is everybody's problem."

NEW MEMBERS OF THE ACADEMY

Regular Membership

Dr. Edgar E. Daniels
Mrs. Lovesta Dorwin Davis
Mr. Robert L. Edwards
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Dr. Louis E. Fletcher
Mrs. William H. Hansen
Mrs. Mignon Mitchell
Mrs. Maud Parrish
Mr. Daniel Robinson
Mr. Lew M. Warden III
Mr. Paul J. Zinke

Family Membership

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Mr. John H. Gerow
Miss Jacqueline Hickey
Mr. Craig London
Mr. Steve Lovett
Mr. Richard Tsukushi
Mr. Perry West

Student Membership

Michael Ibold
Mike Kennedy

THE CALIFORNIA ACADEMY OF SCIENCES
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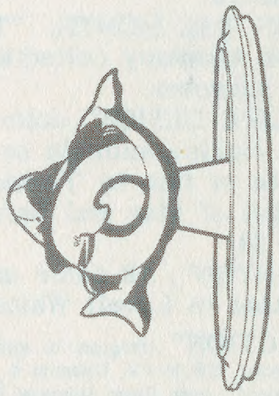
Academy NEWSLETTER



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